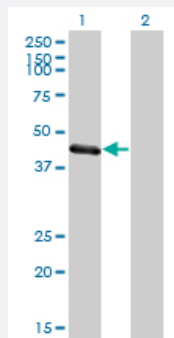


# TRIM63 monoclonal antibody (M01), clone 6G6

Catalog # H00084676-M01

Size 100 ug

## Applications

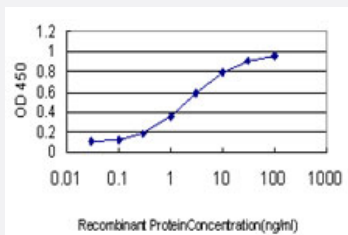


### Western Blot (Transfected lysate)

Western Blot analysis of TRIM63 expression in transfected 293T cell line by TRIM63 monoclonal antibody (M01), clone 6G6.

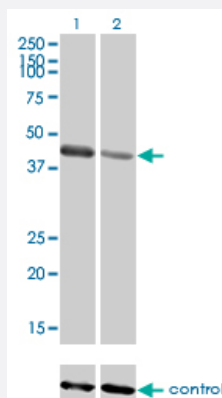
Lane 1: TRIM63 transfected lysate (40.2 kDa).

Lane 2: Non-transfected lysate.



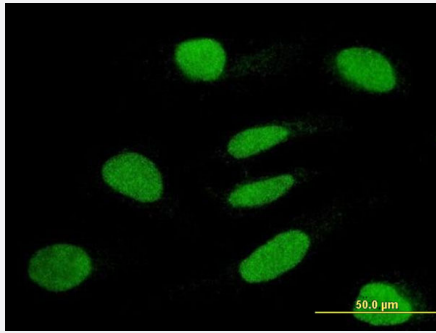
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TRIM63 is approximately 0.1 ng/ml as a capture antibody.



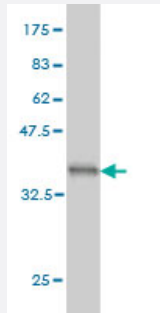
### RNAi Knockdown (Antibody validated)

Western blot analysis of TRIM63 over-expressed 293 cell line, cotransfected with TRIM63 Validated Chimera RNAi (Cat # H00084676-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TRIM63 monoclonal antibody (M01), clone 6G6 (Cat # H00084676-M01). GAPDH (36.1 kDa) used as specificity and loading control.



## Immunofluorescence

Immunofluorescence of monoclonal antibody to TRIM63 on HeLa cell .  
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant TRIM63.
<b>Immunogen</b>	TRIM63 (NP_115977, 254 a.a. ~ 352 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	DKSTKLIVETAIQSLDEPGGATFLLTAKQLIKSMEASKGCQLGKTEQGFENMDFFTLDEHIADALR AIDFGTDEEEEEFIEEEDQEEEEESTEGKEEGH
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (93); Rat (92)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TRIM63 expression in transfected 293T cell line by TRIM63 monoclonal antibody (M01), clone 6G6.

Lane 1: TRIM63 transfected lysate(40.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TRIM63 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of TRIM63 over-expressed 293 cell line, cotransfected with TRIM63 Validated Chimera RNAi ( Cat # H00084676-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with TRIM63 monoclonal antibody (M01), clone 6G6 (Cat # H00084676-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TRIM63 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — TRIM63

Entrez GeneID	<a href="#">84676</a>
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GeneBank Accession#	<a href="#">NM_032588</a>
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Protein Accession#	<a href="#">NP_115977</a>
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Gene Name	TRIM63
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Gene Alias	FLJ32380, IRF, MURF1, MURF2, RNF28, SMRZ
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Gene Description	tripartite motif-containing 63
Omim ID	<a href="#">606131</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is localized to the Z-line and M-line lattices of myofibrils, where titin's N-terminal and C-terminal regions respectively bind to the sarcomere. In vitro binding studies have shown that this protein also binds directly to titin near the region of titin containing kinase activity. Another member of this protein family binds to microtubules. Since these family members can form heterodimers, this suggests that these proteins may serve as a link between titin kinase and microtubule-dependent signal pathways in muscle. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000008701 iris ring finger protein muscle specific ring finger protein 1 muscle specific ring finger protein 2 ring finger protein 28 striated muscle RING zinc finger protein